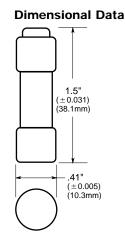
CC-TRON[®] FNQ-R

Time-Delay Fuses

$^{13}/_{32}$ " × $1\frac{1}{2}$ ", 600 Volt, $\frac{1}{4}$ to 30 Amps





Catalog Symbol: FNQ-R

Time-Delay

Application: Circuit Transformer Protection

Ampere Rating: ½ to 30A Voltage Rating: 600Vac (or less)†

Interrupting Rating: 200,000A RMS Sym. (UL)

Agency Information:

UL Listed, Std. 248-4, Class CC, Guide JDDZ, File E4273

CSA Certified, Class CC CSA, Class 1422-01,

File 53787-HRC-MISC

†12-30A is 300Vdc and 10k AIR.

Electrical Ratings (Catalog Symbol and Amperes)

	3. (,	
FNQ-R-1/4	FNQ-R-13/10	FNQ-R-3 ² / ₁₀	FNQ-R-8
FNQ-R-3/10	FNQ-R-1 ⁴ / ₁₀	FNQ-R-31/2	FNQ-R-9
FNQ-R-1/10	FNQ-R-1½	FNQ-R-4	FNQ-R-10
FNQ-R-1/2	FNQ-R-1% ₁₀	FNQ-R-4½	FNQ-R-12
FNQ-R-%10	FNQ-R-1% ₁₀	FNQ-R-5	FNQ-R-15
FNQ-R-3/4	FNQ-R-2	FNQ-R-5% ₁₀	FNQ-R-17½
FNQ-R-% ₁₀	FNQ-R-21/4	FNQ-R-6	FNQ-R-20
FNQ-R-1	FNQ-R-2½	FNQ-R-61/4	FNQ-R-25
FNQ-R-11/8	FNQ-R-2% ₁₀	FNQ-R-7	FNQ-R-30
FNQ-R-11/4	FNQ-R-3	FNQ-R-7½	_

Carton Quantity and Weight

Ampere	Carton	Weight*	
Ampere Ratings	Qty.	Lbs.	Kg.
1/4-30	10	.200	.091

^{*}Weight per carton

General Information:

- The Bussmann CC-TRON® (FNQ-R) was designed to meet the needs of control circuit transformer protection.
- Current-limitation protects down stream components against damaging thermal and magnetic effects of shortcircuit currents.
- High inrush time-delay. Control circuit transformers can experience inrush currents up to 85 times their full-load current rating. FNQ-R fuses can be sized according to NEC and UL requirements and still allow the high inrush currents, with significantly more time-delay than the UL minimum value of 12 seconds at 200% for Class CC fuses.
- · Melamine tube. Nickel-plated brass endcaps.

Maximum Acceptable Rating of Overcurrent Device*

Rated Primary	Maximum Rating of Overcurrent Protective Device Expressed As A	
Current	Percent of Transformer Primary	
(Amperes)	Current Rating	
Less than 2A	500**	
2A to less than 9A	167	
9A or more	125	

^{*}UL 508A Table 42.1.

C€ CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

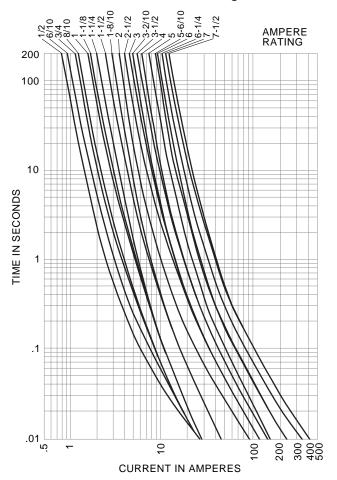
^{**300%} for other than motor control applications.

CC-TRON® FNQ-R

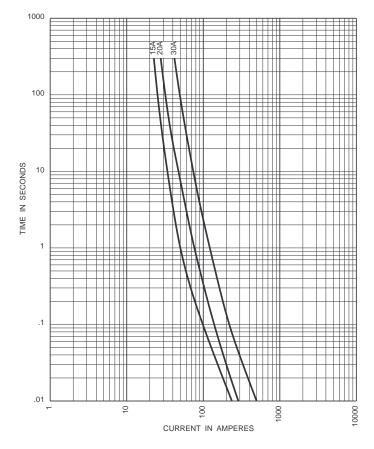
Time-Delay Fuses

$^{13}\!/_{32}$ " × 1½", 600 Volt, ¼ to 30 Amps

Time-Current Characteristics-Average Melt



Time-Current Characteristics-Average Melt



Recommended fuseblocks/fuseholders for Class CC 600V fuses See Data Sheets listed below

• Open fuseblocks - 1105

• Finger-safe fuseholders - 1109, 1102, 1103, 1151

• Panel-mount fuseholders - 2114, 2113

• In-line fuseholders - 2126

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